

- 9 -

CLAIMS:

1. A composite superconducting tape characterised by at least one constituent superconducting tape and at least one outer layer of metal tape overlying and bonded to one of the exposed major faces thereof with the proviso that if there are two such
5 metal tapes they differ in a common strength property.
2. A tape according to claim 1 comprising a multiplicity of stacked and bonded constituent superconducting tapes.
3. A tape according to claim 1 comprising a multiplicity of stacked and diffusion-bonded superconducting tapes and in which all elongate components extend
10 longitudinally.
4. A composite superconducting tape according to any one of claims 1 to 3 wherein there are two metal tapes of different compositions.
5. A superconducting tape according to any one of claims 1 to 3 wherein there are two metal tapes of the same composition but different thickness.
- 15 6. A composite superconducting tape according to claim 2 in which the constituent superconducting tapes are stacked in at least two parallel stacks.
7. A composite superconducting tape substantially as described with reference to the invention as illustrated in the accompanying drawings.